Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] 1. A liquid crystal display panel, comprising:
a first substrate, having a first surface and a second surface;
a second substrate, having a third surface;
a sealant, disposed between the second surface and the third surface;
a liquid crystal layer, disposed among the second surface, the third surface and the sealant; and
a light-shielding layer, disposed over thefirst surface and not overlapping a display area.

[c2] 2. The liquid crystal display panel of claim 1, wherein a material of the light-shielding layer is an ink.

[c3] 3. The liquid crystal display panel of claim 2, wherein the ink is a black ink.

[c4] 4. The liquid crystal display panel of claim 1, wherein an optical density of the light-shielding layer is 2.0 or more than 2.0.

[c5] 5. The liquid crystal display panel of claim 1, wherein the light-shielding layer surrounds the display area and is in a shape of a frame.

[c6] 6. The liquid crystal display panel of claim 1, further comprises a black matrix layer disposed between the first substrate and the second substrate.

[c7] 7. The liquid crystal display panel of claim 6, wherein a width of the light-shielding layerpartially projectively overlaps the black matrix layer.

[c8] 8. The liquid crystal display panel of claim 7, wherein the width of the light-shielding layer exposes a portion of the sealant.

[c9] 9. A method of fabricating a liquid crystal display panel, comprising:
providing a first substrate having a first inner surface and a first outer surface;
providing a second substrate having a second inner surface and a second outer surface;
forming a sealant between the first inner surface of the first substrate and the second inner surface of the second substrate;
forming a liquid crystal layer in a space between the sealant, the first inner surface and the second inner surface; and
forming a light-shielding layer over the first outer surface of either the first substrate or the second outer sur-

face of the second substrate.

[c10] 10. The method of fabricating a liquid crystal display panel of claim 9, wherein a material of the light-shielding layer is an ink.

[c11] 11. The method of fabricating a liquid crystal display panel of claim 9, wherein the light-shielding layer is formed via an ink jet printing method, a screen printing method or a gravure printing method.

[c12] 12. The method of fabricating a liquid crystal display panel of claim 10, wherein the ink is a black ink.

[c13] 13. The method of fabricating a liquid crystal display panel of claim 9, wherein an optical density of the light-shielding layer is 2.0 or more than 2.0.

[c14] 14. The method of fabricating a liquid crystal display panel of claim 9, wherein the liquid crystal display panel comprises a display area, and the light-shielding layer is disposed on a peripheral area outside the display area.

[c15] 15. The method of fabricating a liquid crystal display panel of claim 14, wherein the light-shielding layer surrounds the display area and is in a shape of a frame.

[c16] 16. The method of fabricating a liquid crystal display panel of claim 9, wherein the first substrate is a thin film

transistor array substrate or a color filter substrate; when the first substrate is the thin film transistor array substrate, the second substrate is the color filter substrate; and when the first substrate is the color filter substrate, the second substrate is the thin film transistor array substrate.

[c17] 17. The method of fabricating a liquid crystal display panel of claim 9, further comprising a step of forming a black matrix layer over a surface of the first substrate or the second substrate.